

To: Stralka, Daniel[Stralka.Daniel@epa.gov]
From: Polisini, Jim@DTSC
Sent: Mon 12/16/2013 6:26:43 PM
Subject: RE: TCE Clarification
MAIL_RECEIVED: Mon 12/16/2013 6:26:51 PM

Thanks, Dan. From the description referring to multiple lines of evidence, I mistakenly thought there might be several evaluations beyond the use of default values in the calculator. Thanks for the info and we'll work on dates for the Spring 2014 when we could get together. JP

From: Stralka, Daniel [mailto:Stralka.Daniel@epa.gov]
Sent: Monday, December 16, 2013 10:15 AM
To: Polisini, Jim@DTSC
Subject: RE: TCE Clarification

Using the Vapor Intrusion Calculator with empirical defaults for conversion to soil gas and ground water, residential scenario

<http://www.epa.gov/oswer/vaporintrusion/guidance.html>

TCE	indoor air	sub-slab	gw
	ug/m3	ug/m3	ug/L
10-6	0.43	4.3	1.1
HI=1	2.0	20	5

If we are concerned about the short-term non-cancer effects, then 5 ppb would be the screening level, long-term is 1. However, we are still saying that the MCL is protective. This is only one line but is applicable as screening and other lines can be incorporated.

From: Polisini, Jim@DTSC [mailto:Jim.Polisini@dtsc.ca.gov]
Sent: Monday, December 16, 2013 6:01 AM
To: Stralka, Daniel
Subject: TCE Clarification

Dan, Thanks for all the time last week giving me some the history of the South Bay Sites and your December 2013 memorandum on TCE. Do you have any of what appear to be multiple lines of evidence used to assess the 5 ug/L shallow groundwater concentration used to identify the boundary of the area of 'evaluation' that you can share? Thanks again, JP

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